

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040121\  
 Data File : BE101186.D  
 Acq On : 1 Apr 2021 20:25  
 Operator : CG/JU  
 Sample : M1843-13DL 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE115D2-20210325DL

Quant Time: Apr 02 02:28:20 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE032421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 12:49:55 2021  
 Response via : Initial Calibration

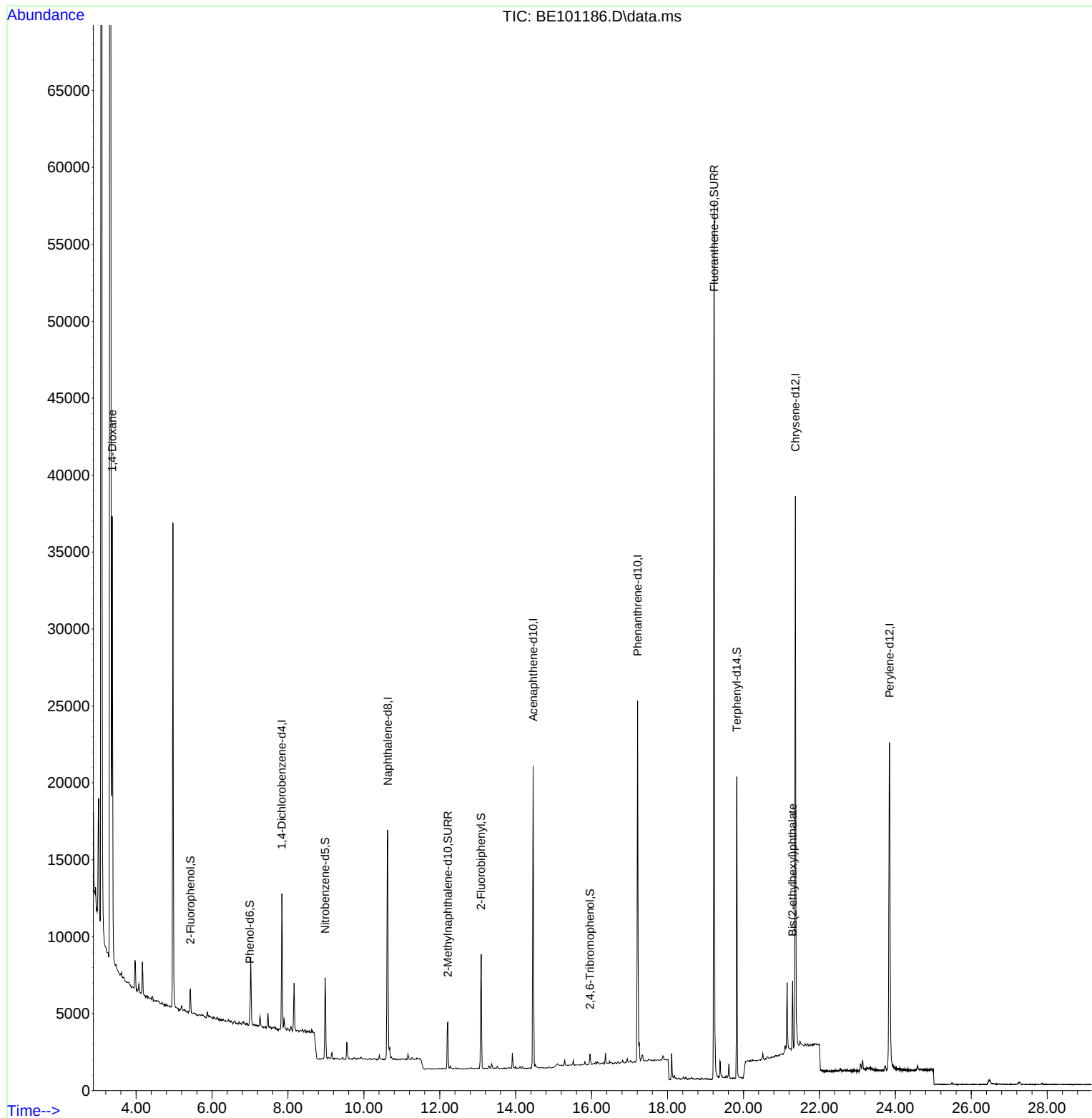
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.838  | 152  | 3923     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.628 | 136  | 16957    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.458 | 164  | 11030    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.210 | 188  | 30174    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.366 | 240  | 36041    | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.845 | 264  | 33372    | 0.40 | ng    | -0.02    |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.431  | 112  | 777      | 0.08 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.998  | 99   | 689      | 0.05 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.978  | 82   | 1975     | 0.20 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.210 | 152  | 4287     | 0.15 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.955 | 330  | 386      | 0.20 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.089 | 172  | 6748     | 0.16 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.226 | 212  | 75344    | 0.20 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.823 | 244  | 17909    | 0.22 | ng    | -0.01    |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.370  | 88   | 14890    | 2.34 | ng    | # 93     |
| 34) Bis(2-ethylhexyl)phtha... | 21.293 | 149  | 5543     | 0.09 | ng    | 97       |
| -----                         |        |      |          |      |       |          |

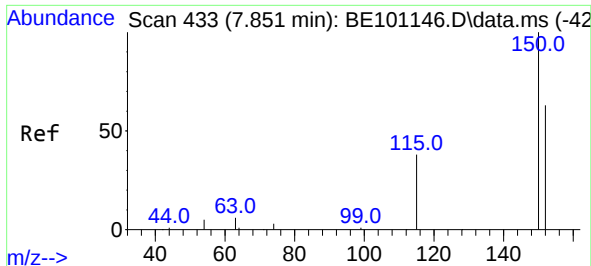
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 01 12:49:55 2021  
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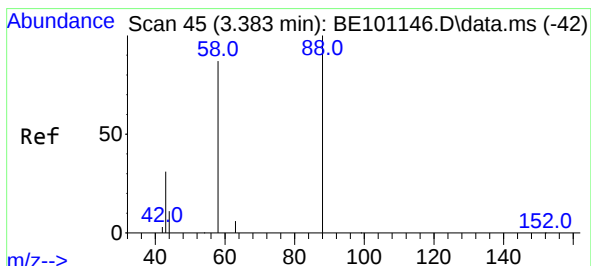
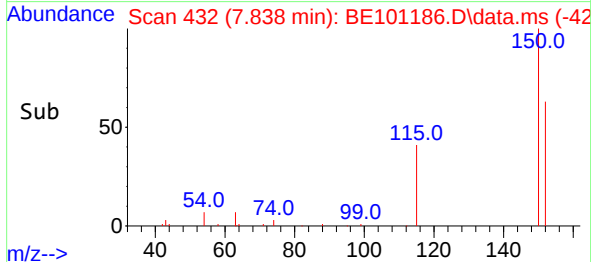
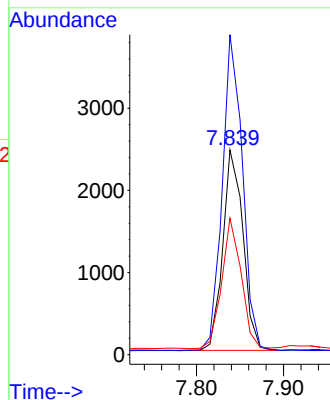
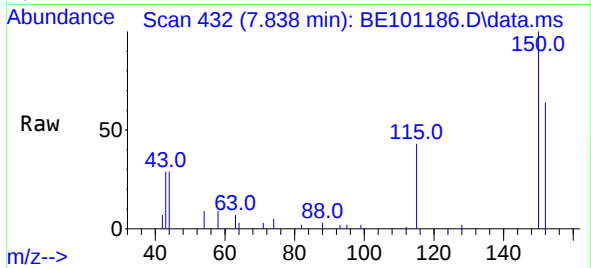




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.838 min Scan# 432  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

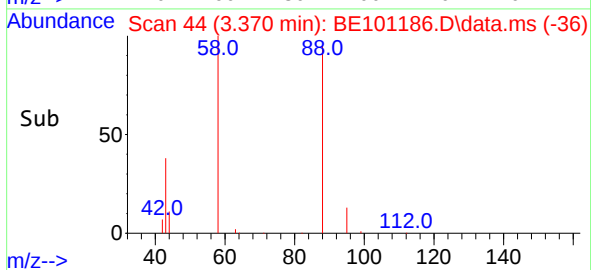
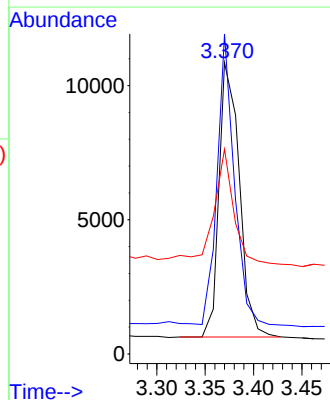
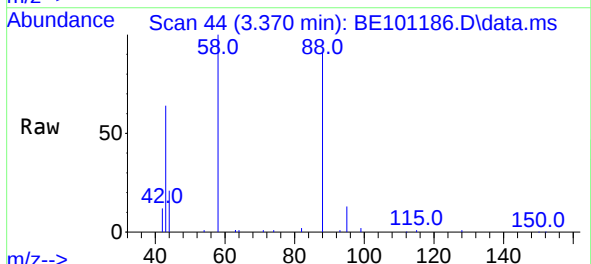
Instrument :  
BNA\_E  
ClientSampleId :  
RE115D2-20210325DL

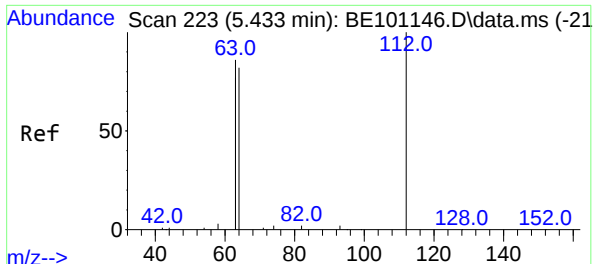
Tgt Ion:152 Resp: 3923  
Ion Ratio Lower Upper  
152 100  
150 156.4 126.3 189.5  
115 66.7 48.9 73.3



#2  
1,4-Dioxane  
Concen: 2.34 ng  
RT: 3.370 min Scan# 44  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Tgt Ion: 88 Resp: 14890  
Ion Ratio Lower Upper  
88 100  
58 89.8 68.5 102.7  
43 41.8 27.2 40.8#

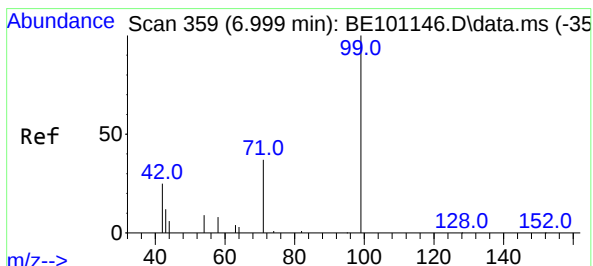
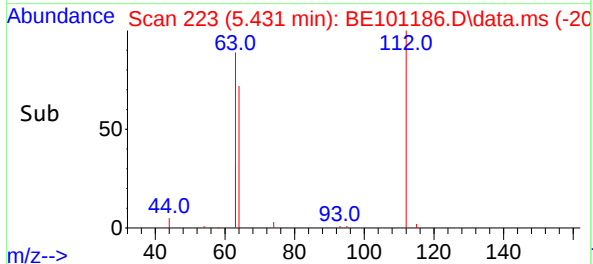
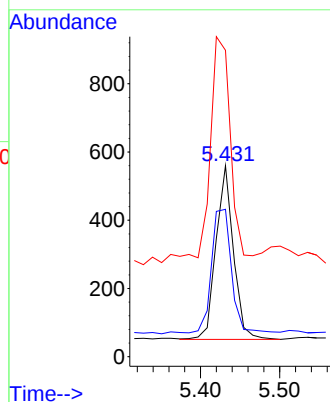
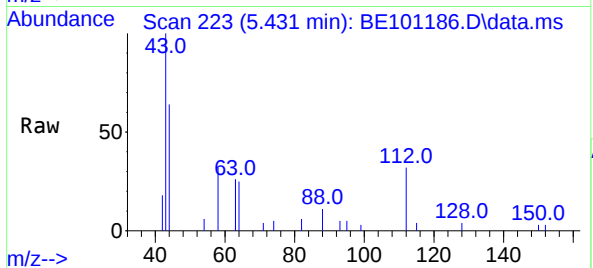




#4  
2-Fluorophenol  
Concen: 0.08 ng  
RT: 5.431 min Scan# 223  
Delta R.T. -0.001 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

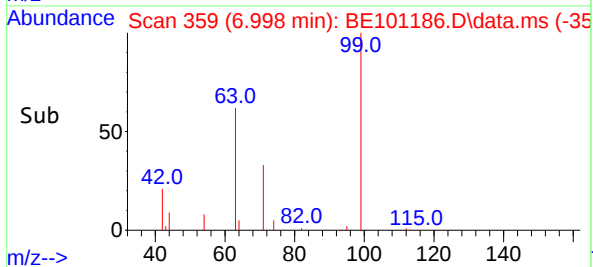
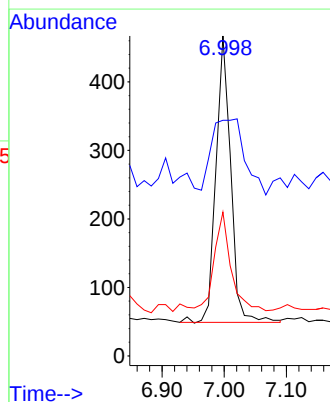
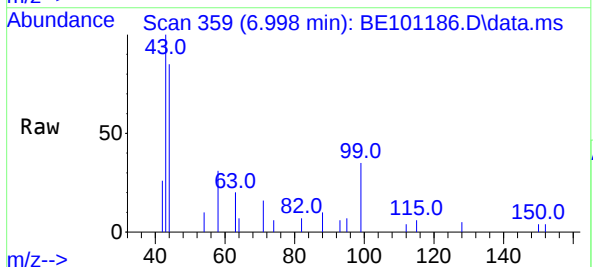
Instrument :  
BNA\_E  
ClientSampleId :  
RE115D2-20210325DL

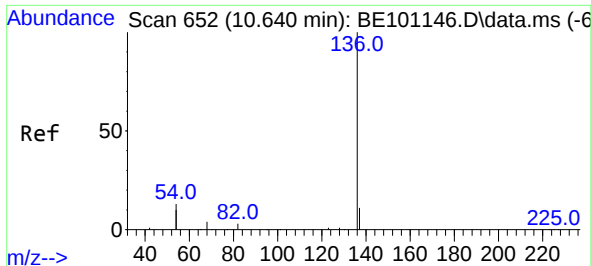
Tgt Ion:112 Resp: 777  
Ion Ratio Lower Upper  
112 100  
64 84.9 60.8 91.2  
63 162.5 119.4 179.0



#5  
Phenol-d6  
Concen: 0.05 ng  
RT: 6.998 min Scan# 359  
Delta R.T. -0.001 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Tgt Ion: 99 Resp: 689  
Ion Ratio Lower Upper  
99 100  
42 0.0 18.8 28.2#  
71 41.7 26.3 39.5#

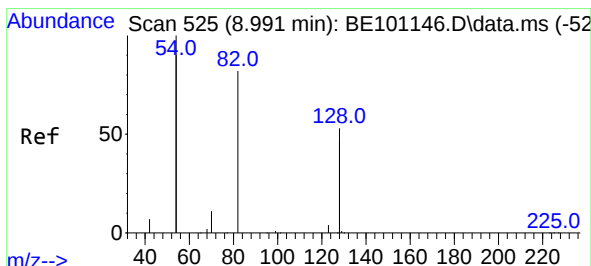
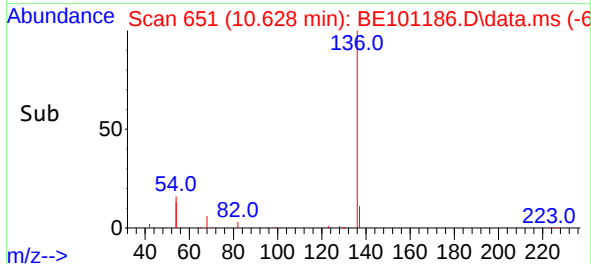
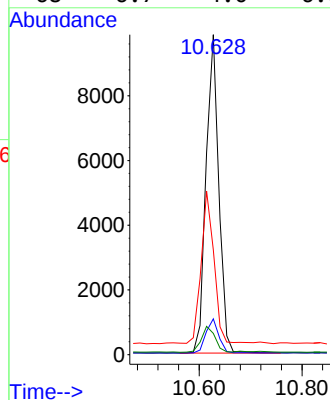
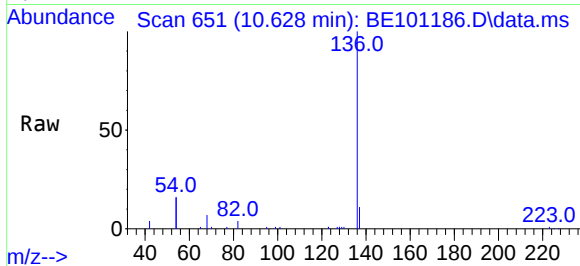




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.628 min Scan# 651  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

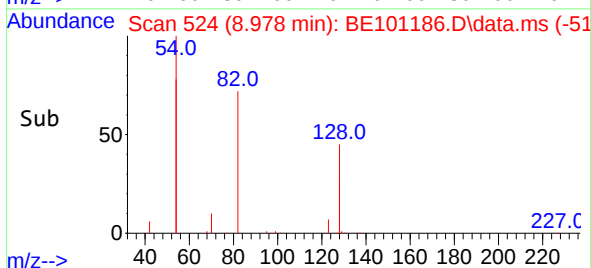
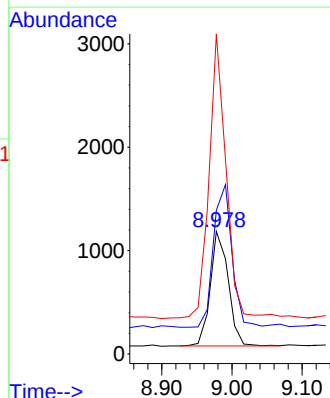
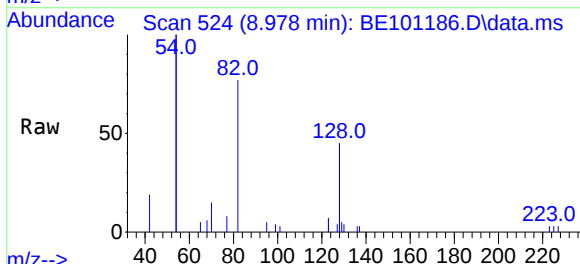
Instrument :  
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RE115D2-20210325DL

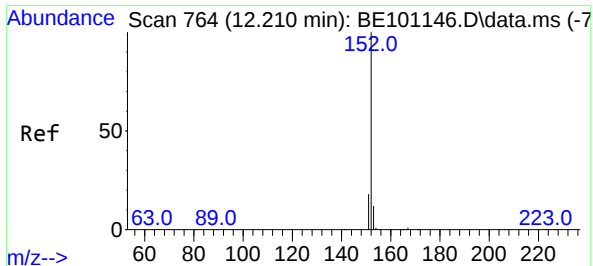
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 16957 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 8.9   | 13.3  |
| 54       | 32.7  | 20.2  | 30.4# |
| 68       | 6.7   | 4.0   | 6.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.20 ng  
RT: 8.978 min Scan# 524  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1975  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 117.3 | 101.5 | 152.3 |
| 54       | 261.3 | 189.8 | 284.6 |

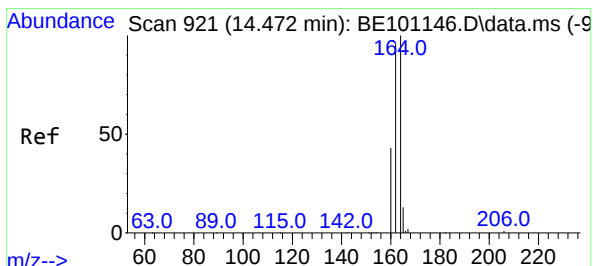
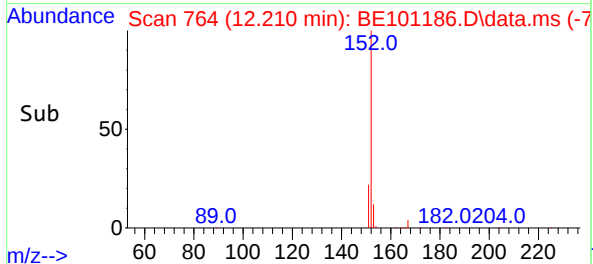
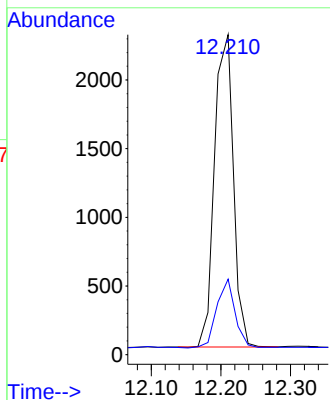
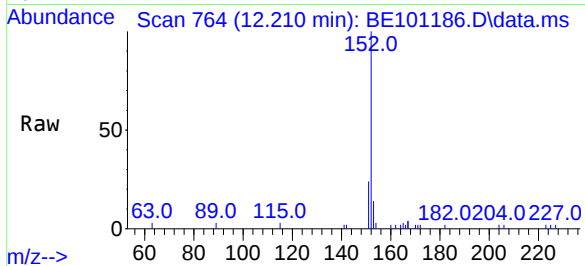




#11  
2-Methylnaphthalene-d10  
Concen: 0.15 ng  
RT: 12.210 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

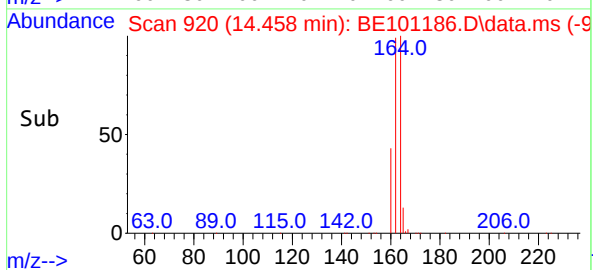
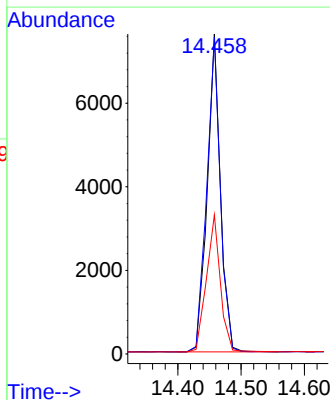
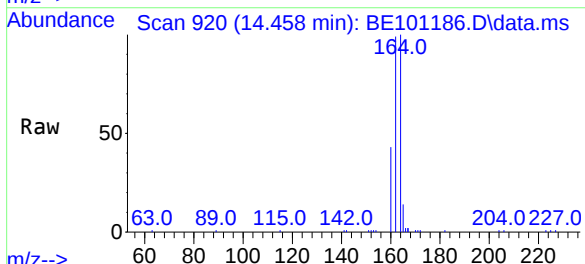
Instrument :  
BNA\_E  
ClientSampleId :  
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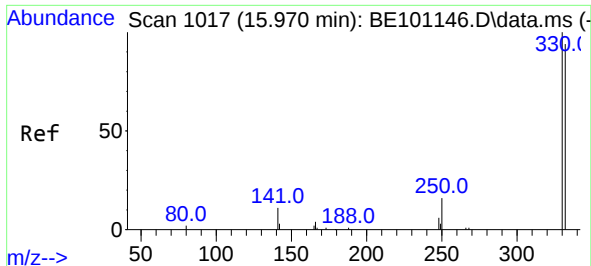
Tgt Ion:152 Resp: 4287  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.6 24.8



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.458 min Scan# 920  
Delta R.T. -0.014 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

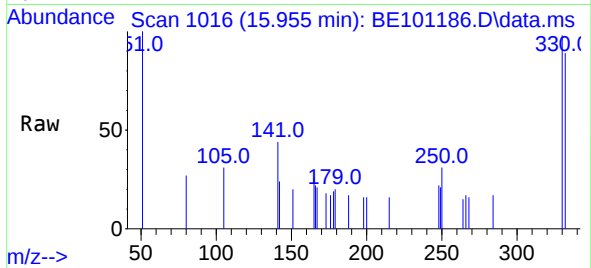
Tgt Ion:164 Resp: 11030  
Ion Ratio Lower Upper  
164 100  
162 99.1 76.6 115.0  
160 43.4 34.5 51.7



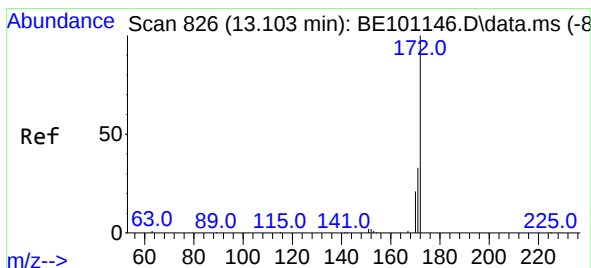
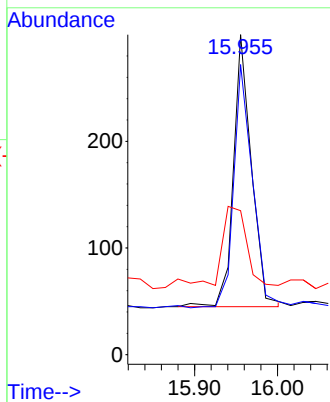
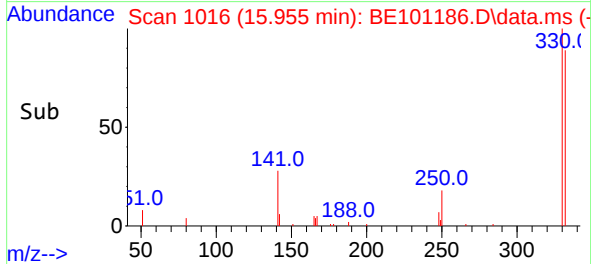


#14  
2,4,6-Tribromophenol  
Concen: 0.20 ng  
RT: 15.955 min Scan# 1016  
Delta R.T. -0.015 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

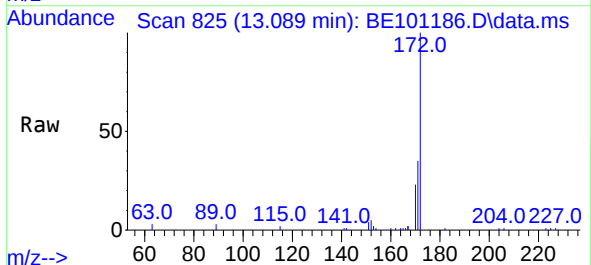
Instrument :  
BNA\_E  
ClientSampleId :  
RE115D2-20210325DL



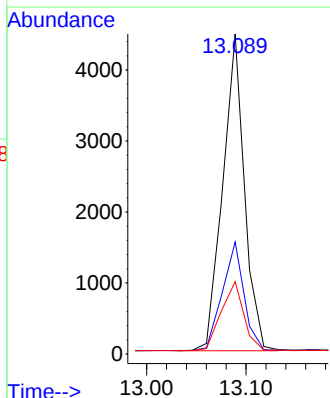
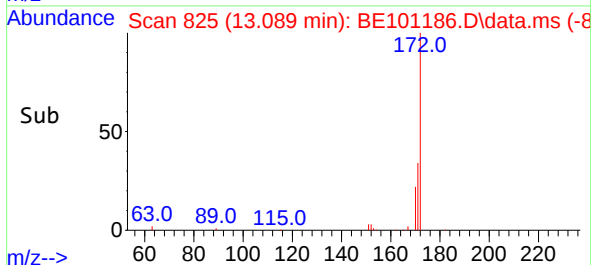
Tgt Ion: 330 Resp: 386  
Ion Ratio Lower Upper  
330 100  
332 92.7 69.1 103.7  
141 37.3 30.6 45.8

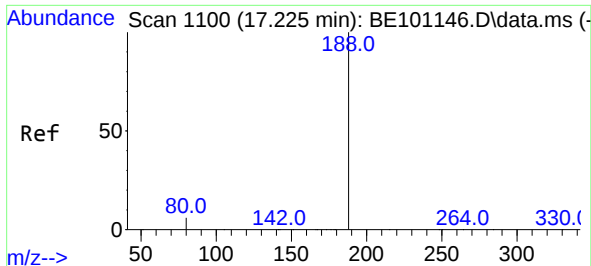


#15  
2-Fluorobiphenyl  
Concen: 0.16 ng  
RT: 13.089 min Scan# 825  
Delta R.T. -0.014 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25



Tgt Ion: 172 Resp: 6748  
Ion Ratio Lower Upper  
172 100  
171 35.0 26.4 39.6  
170 22.6 17.4 26.0

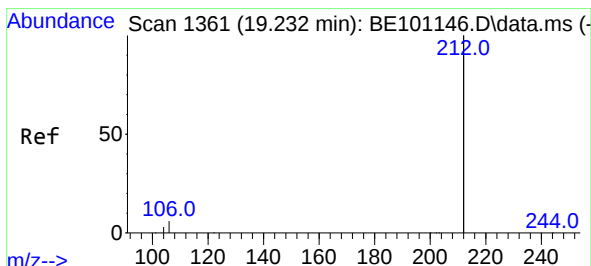
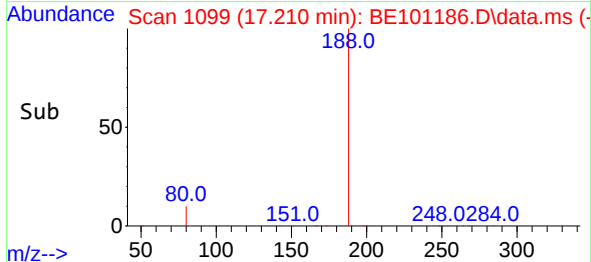
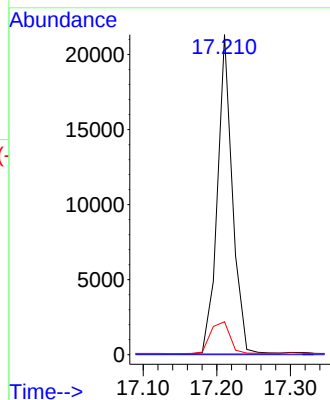
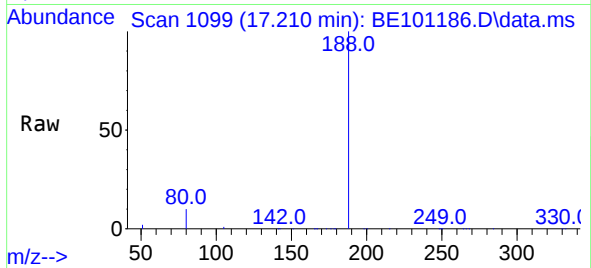




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.210 min Scan# 1099  
Delta R.T. -0.015 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

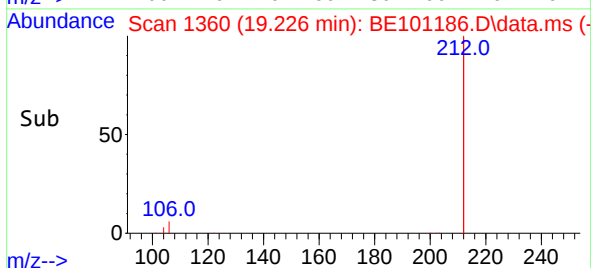
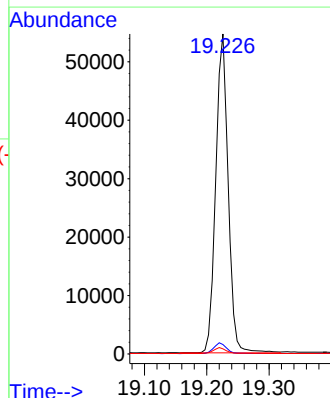
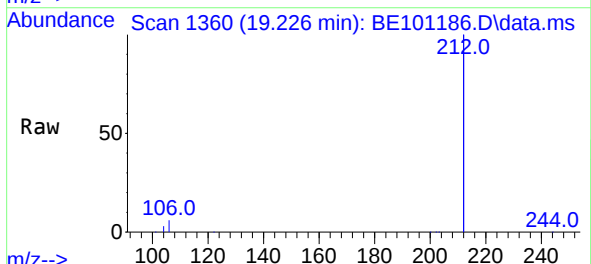
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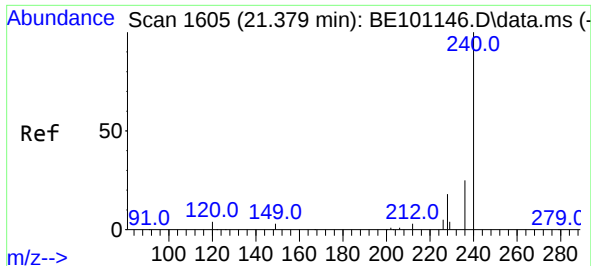
Tgt Ion:188 Resp: 30174  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.3 4.8 7.2#



#27  
Fluoranthene-d10  
Concen: 0.20 ng  
RT: 19.226 min Scan# 1360  
Delta R.T. -0.006 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Tgt Ion:212 Resp: 75344  
Ion Ratio Lower Upper  
212 100  
106 3.4 2.6 3.8  
104 2.0 1.4 2.2

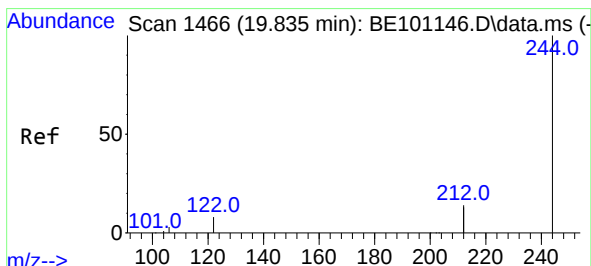
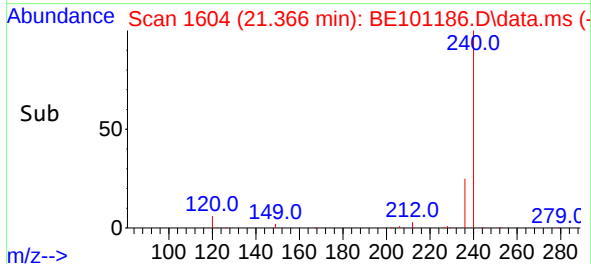
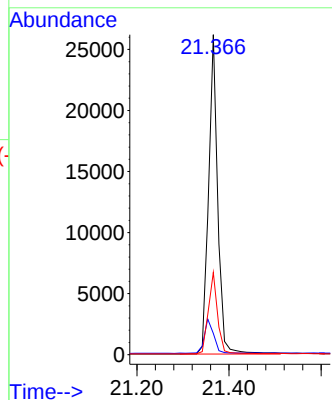
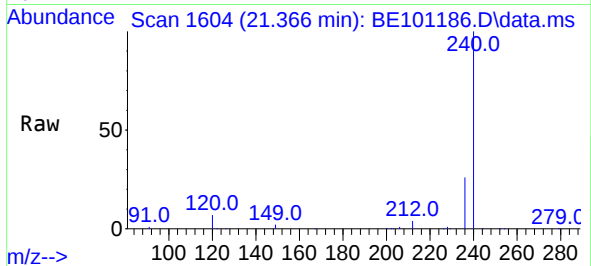




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.366 min Scan# 1604  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

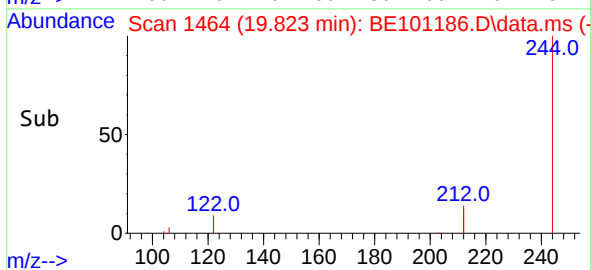
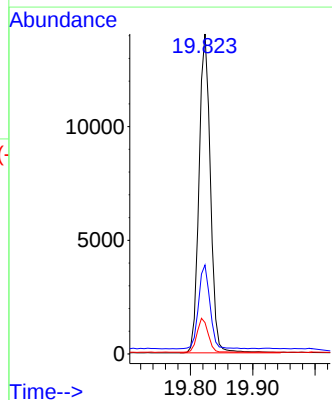
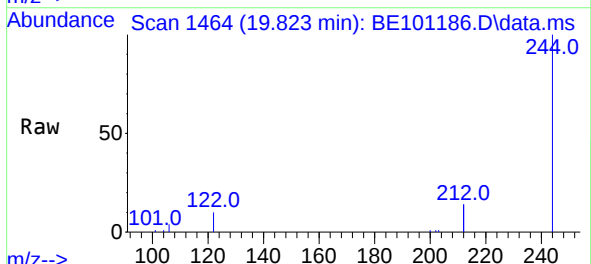
Instrument :  
BNA\_E  
ClientSampleId :  
RE115D2-20210325DL

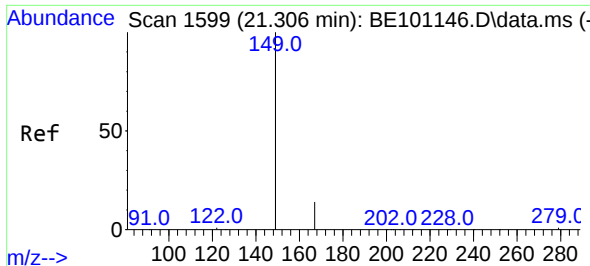
Tgt Ion:240 Resp: 36041  
Ion Ratio Lower Upper  
240 100  
120 6.7 4.1 6.1#  
236 25.7 20.3 30.5



#31  
Terphenyl-d14  
Concen: 0.22 ng  
RT: 19.823 min Scan# 1464  
Delta R.T. -0.012 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Tgt Ion:244 Resp: 17909  
Ion Ratio Lower Upper  
244 100  
212 27.8 21.7 32.5  
122 9.8 6.6 10.0

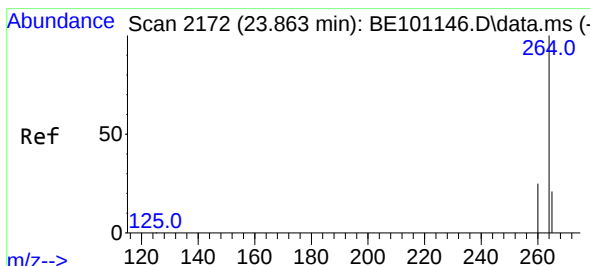
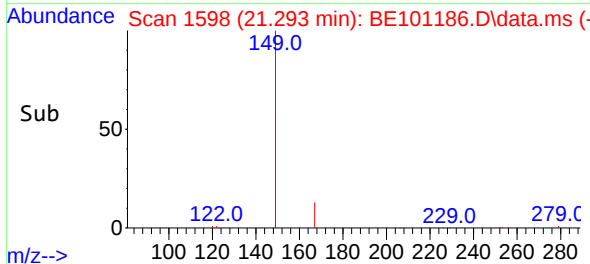
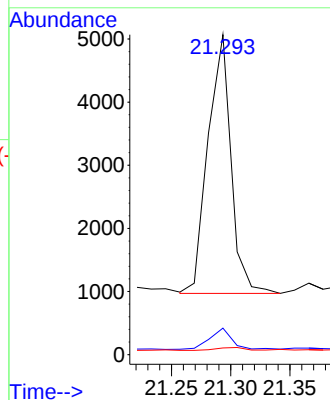
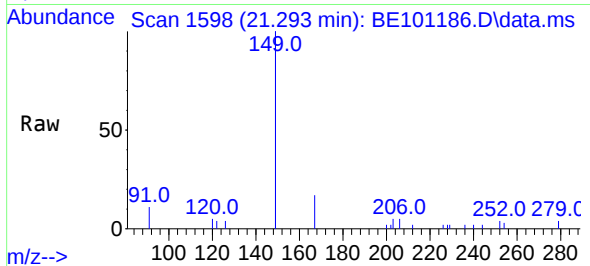




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.09 ng  
RT: 21.293 min Scan# 1598  
Delta R.T. -0.013 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Instrument :  
BNA\_E  
ClientSampleId :  
RE115D2-20210325DL

Tgt Ion:149 Resp: 5543  
Ion Ratio Lower Upper  
149 100  
167 7.9 5.4 8.2  
279 1.3 0.9 1.3



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.845 min Scan# 2167  
Delta R.T. -0.018 min  
Lab File: BE101186.D  
Acq: 1 Apr 2021 20:25

Tgt Ion:264 Resp: 33372  
Ion Ratio Lower Upper  
264 100  
260 24.5 20.5 30.7  
265 25.9 20.6 30.8

